

**Bibliographic Information**

**Preparation of 5-fluoro-pyrazole-4-carboxamides as agrochemical microbicides.** Nishida, Sumio; Matsuo, Noritada; Maeda, Kyoto; Inoue, Satoru. (Sumitomo Chemical Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho (1988), 7 pp. CODEN: JKXXAF JP 63048269 A2 19880229 Showa. Patent written in Japanese. Application: JP 86-193487 19860819. Priority: . CAN 109:231009 AN 1988:631009 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

**Patent Family Information**

<u>Patent No.</u>	<u>Kind</u>	<u>Date</u>	<u>Application No.</u>	<u>Date</u>
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**Abstract**

Title compds. I (R = Me, Et; R<sub>1</sub>, R<sub>2</sub> = H, halo, alkyl, alkoxy) are prepd. A dried mixt. of KF and sulfolane was heated with 5-chloro-1,3-dimethyl-N-phenylpyrazole-4-carboxamide (II) at 180-200° to give I (R = Me; R<sub>1</sub> = R<sub>2</sub> = Me), which at 200 ppm showed 100% control of *Rhizoctonia solani*, vs .apprx.0% control for II. Powder was formulated contg. I 2, kaolin clay 88, and talc 10 parts.

